

BS01326

U.S. Application No. 10/029,172 Art Unit 2612
Preliminary AmendmentAMENDMENT TO THE CLAIMS

1. (Currently Amended) A ~~set top box~~ device, comprising:

a port ~~capable of communicating with a first communications network~~ receiving resource information related to resources associated with a set top box;

a database storing configuration information for the set top box ~~second port capable of communication with a second communications network and capable of receiving information from the second communications network;~~ and

a processor comparing the resource information to the configuration information and, when the resource information differs from the configuration information, detecting unauthorized modifications to the set top box ~~tuner capable of selecting a program;~~

~~a firewall in communication with the second port and capable of receiving communications from the second port and capable of analyzing the information received from the second communications network.~~

2. (Currently Amended) The device ~~set top box~~ according to claim 1, wherein the processor causes operating instructions to be communicated to the set top box ~~second communications network is a telecommunications network.~~
3. (Currently Amended) The device ~~set top box~~ according to claim 1, wherein the processor causes data to be communicated to the set top box ~~second communications network is a public-switched telephone network.~~
4. (Currently Amended) The device ~~set top box~~ according to claim 1, ~~wherein the firewall receives communications from the second port before other components associated with the set top box~~ further comprising a firewall capable of analyzing the resource information.

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5. (Currently Amended) The device ~~set-top box~~ according to claim 4, wherein the firewall is disposed logically between the port and other components associated with the device.
6. (Currently Amended) The device ~~set-top box~~ according to claim 1, wherein the processor receives the resource information from set-top box ~~further comprises a remote resource manager operating in the set top box capable of receiving instructions from the second communications network.~~
7. (Currently Amended) A set top box comprising:
 - a first port capable of communicating with a first communications network,
 - a second port capable of communication with a second communications network and capable of receiving information from the second communications network;
 - a tuner in communication with the first communications network and capable of selecting a program; and
 - a firewall in communication with the second port, the firewall capable of receiving communications from the second port and capable of filtering the information received from the second communications network.
8. (Original) The set top box according to claim 7, wherein firewall includes packet filtering.
9. (Original) The set top box according to claim 7, wherein firewall includes a proxy service.
10. (Original) The set top box according to claim 7, wherein firewall includes stateful inspection.
11. (Original) The set top box according to claim 7, wherein firewall is capable of analyzing information formatted in a communications protocol.

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12. (Original) The set top box according to claim 7, wherein the set top box further comprises a remote resource manager capable of receiving instructions from the second communications network.
13. (Currently Amended) A set top box comprising:
 - a first port capable of communicating with a first communications network,
 - a second port capable of communication with a second communications network;
 - a tuner in communication with the first communications network and capable of selecting a program;
 - at least one ~~fixed~~ disk drive capable of storing the program information; and
 - a firewall in communication with the second port, the firewall capable of receiving communications from the second port and capable of analyzing the information received from the second communications network.
14. (Original) The set top box according to claim 13, wherein the set top box further comprises an MPEG decoder.
15. (Original) The set top box according to claim 13, wherein the set top box further comprises a remote resource manager.
16. (Original) The set top box according to claim 15, wherein the remote resource manager is capable of receiving an instruction from the second communications network and wherein the instruction is used by the remote resource manager to modify a configuration of the set top box.
17. (Original) The set top box according to claim 15, wherein the remote resource manager is capable of sending information regarding resources associated with the set top box.

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18. (New) A method, comprising:

initiating communicating between a set top box and a service provider;
receiving resource information related to resources associated with the set top box;

comparing the resource information to configuration information stored in a database; and

detecting unauthorized modifications to the set top box when the resource information differs from the configuration information.

19. (New) A method according to claim 18, further comprising the step of communicating data from the service provider to the set top box.

20. (New) A method according to claim 18, further comprising the step of communicating operating instructions to the set top box.